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DAILY DATA

Daily Data messages are a way to get basic information about the location and environment of the tagged animal during the entire deployment period.

Depth

The tag transmits the minimum and maximum depth readings for each UTC day. The depth data are taken from the archive that is stored on the tag. Each Argos message contains four days of data.

Tags Containing This Data Product

MiniPAT
sPAT

Temperature

The tag transmits the minimum and maximum temperature readings for each UTC day. The data are taken from the archive that is stored on the tag. Each Argos message contains four days of data.

Tags Containing This Data Product

MiniPAT
sPAT
mrPAT (last 100 days)

Change in Light

In the Daily Data messages, the light level data from the archive are summarized to include the change in light-level for each UTC day. This value is then paired with the min and max temperature and depth readings for each corresponding day. This was developed as a way to infer predation events. For example, if this value is large (lots of change in light-level) the animal is likely moving up and down in the water column and/or the tag can 'see' dawn and dusk; when the value is very small (no change in light level throughout the day) the tag may be inside a predator or staying at depth. When the data are transmitted, you may see that the change in light is high for many days in a row, and then it goes to a very small number. One interpretation of this would be to infer a predation event.

Tags Containing This Data Product

MiniPAT
sPAT

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